RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/743.649A
Source:	1FW16
Date Processed by STIC:	11/2/05
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IFW6

RAW SEQUENCE LISTING DATE: 11/02/2005
PATENT APPLICATION: US/10/743,649A TIME: 10:16:11

Input Set : A:\18003-D2 Sequence Listing 20051027.txt

Output Set: N:\CRF4\11022005\J743649A.raw

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3 <110> APPLICANT: Bell, John C.
           Sonenberg, Nahum
   4
           Stojdl, David F.
   5
   6
           Brown, Earl G.
   7
           Atkins, Harold L.
           Marius, Ricardo M.
           Lichty, Brian D.
   9
  10
           Knowles, Shane B.
  12 <120> TITLE OF INVENTION: ONCOLYTIC VIRUS
  14 <130> FILE REFERENCE: 18003-D2
  16 <140> CURRENT APPLICATION NUMBER: US 10/743,649A
-> 17 <141> CURRENT FILING DATE: 2003-12-23
  19 <150> PRIOR APPLICATION NUMBER: US 09/664,444
  20 <151> PRIOR FILING DATE: 2000-09-18
  22 <150> PRIOR APPLICATION NUMBER: 60/287,590
  23 <151> PRIOR FILING DATE: 1999-09-17
  25 <160> NUMBER OF SEQ ID NOS: 52
  27 <170> SOFTWARE: PatentIn Ver. 2.1
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  30 <211> LENGTH: 11
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DATE: 11/02/2005

TIME: 10:16:11

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Input Set : A:\18003-D2 Sequence Listing 20051027.txt

Output Set: N:\CRF4\11022005\J743649A.raw

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149 tacatcaata ctacaaaaag tttgtcagat ctaagaggat atgtctacca aggcctcaaa 180
150 teeggaaatg tateaateat acatgteaac agetaettgt atggageatt aaaggacate 240
151 cggggtaagt tggataaaga ttggtcaagt ttcggaataa acatcgggaa agcaggggat 300
152 acaatcggaa tatttgacct tgtatccttg aaagccctgg acggcgtact tccagatgga 360
153 gtatcggatg cttccagaac cagcgcagat gacaaatggt tgcctttgta tctacttggc 420
154 ttatacagag tgggcagaac acaaatgcct gaatacagaa aaaagctcat ggatgggctg 480
155 acaaatcaat gcaaaatgat caatgaacag tttgaacctc ttgtgccaga aggtcgtgac 540
156 atttttgatg tgtggggaaa tgacagtaat tacacaaaaa ttgtcgctgc agtggacatg 600
157 ttcttccaca tgttcaaaaa acatgaatgt gcctcgttca gatacggaac tattgtttcc 660
158 agattcaaag attgtgctgc attggcaaca tttggacacc tctgcaaaat aaccggaatg 720
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160 atgatgette caggecaaga aattgacaag geegatteat acatgeetta tttgategae 840
161 tttggattgt cttctaagtc tccatattct tccgtcaaaa accctgcctt ccacttctgg 900
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163 gacattgagt atacatctct tactacagca ggtttgttgt acgcttatgc agtaggatcc 1020
164 tetgeegaet tggeacaaca gttttgtgtt ggagataaca aatacaetee agatgatagt 1080
165 accggaggat tgacgactaa tgcaccgcca caaggcagag atgtggtcga atggctcgga 1140
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179 tacatcaata ctacaaaaag tttgtcagat ctaagaggat atgtctacca aggcctcaaa 180
180 tccggaaatg tatcaatcat acatgtcaac agctacttgt atggagcatt gaaggacatc 240
181 cggggtaagt tggataaaga ttggtcaagt ttcggaataa acatcgggaa ggcaggggat 300
182 acaatcggaa tatttgacct tgtatccttg aaagccctgg acggtgtact tccagatgga 360
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184 ttatacagag tgggcagaac acaaatgcct gaatacagaa aaaggctcat ggatgggctg 480
185 acaaatcaat gcaaaatgat caatgaacag tttgaacctc ttgtgccaga aggtcgtgac 540
186 atttttgatg tgtggggaaa tgacagtaat tacacaaaaa ttgtcgctgc agtggacatg 600
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RAW SEQUENCE LISTING DATE: 11/02/2005
PATENT APPLICATION: US/10/743,649A TIME: 10:16:11

Input Set : A:\18003-D2 Sequence Listing 20051027.txt

Output Set: N:\CRF4\11022005\J743649A.raw

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190 atgatgcttc caggccaaga aattgacaag gccgattcat acatgcctta tttgatcgac 840
191 tttqqattqt cttctaaqtc tccatattct tccqtcaaaa accctqcctt ccacttctqq 900
192 qqqcaattqa caqctcttct qctcaqatcc accaqaqcaa qqaatqcccq acaqcctqat 960
193 gacattgagt atacatetet tactacagea ggtttgttgt aegettatge agtaggatee 1020
194 tetgetgaet tggeacaaca gttttgtgtt ggagatagea aatacaetee agatgatagt 1080
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196 tggtttgaag atcaaaacag aaaaccgact cctgatatga tgcagtatgc gaaacgagca 1200
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212 acaatcggaa tatttgacct tgtatccttg aaagccctgg acggtgtact tccagatgga 360
213 gtatcggatg cttccagaac cagcgcagat gacaaatggt tgcctttgta tctacttggc 420
214 ttatacagag tgggcagaac acaaatgcct gaatacagaa aaaggctcat ggatgggctg 480
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218 agattcaaag attgtgctgc attggcaaca tttggacacc tctgcaaaat aaccggaatg 720
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239 tacatcaata ctacaaaaag tttgtcagat ctaagaggat atgtctacca aggcctcaaa 180
240 tccqqaaatq tatcaatcat acatqtcaac aqctacttqt atggagcatt gaaggacatc 240
241 cgqqqtaaqt tgqataaaqa ttqqtcaaqt ttcqqaataa acatcgggaa ggcaggggat 300
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242 acaatcggaa tatttgacct tgtatccttg aaagccctgg acggtgtact tccagatgga 360

RAW SEQUENCE LISTING DATE: 11/02/2005
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Input Set : A:\18003-D2 Sequence Listing 20051027.txt

Output Set: N:\CRF4\11022005\J743649A.raw

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  246 atttttgatg tgtggggaaa tgacagtaat tacacaaaaa ttgtcgctgc agtggacatg 600
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  249 tctacagaag atgtaacgac ctggatcttg aaccgagaag ttgcagatga gatggtccaa 780
  250 atgatgette caggecaaga aattgacaag geegatteat acatgeetta titgategae 840
  251 tttggattgt cttctaagtc tccatattct tccgtcaaaa accctgcctt ccacttctgg 900
  252 gggcaattga cagctettet geteagatee accagageaa ggaatgeeeg acageetgat 960
  253 gacattgagt atacatetet tactacagea ggtttgttgt acgettatge agtaggatee 1020
  254 tetgetgaet tggeacaaca gttttgtgtt ggagatagea aatacaetee agatgatagt 1080
  255 accggaggat tgacgactaa tgcaccgcca caaggcagag atgtggtcga atggctcgga 1140
  256 tggtttgaag atcaaaacag aaaaccgact cctgatatga tgcagtatgc gaaacgagca 1200
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  269 <223> OTHER INFORMATION: "n" represents a, t, c, g, other or unknown
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  273 gataaagatt ggtcaagttt cggaataaac atcgggaagg caggggatac aatcggaata 120
  274 tttgaccttg tatccttgaa agccctggac ggtgtacttc cagatggagt atcggatgct 180
  275 tccagaacca gcgcagatga caaatggttg cctttgtatc tacttggctt atacagagtg 240
  276 ggcagaacac aaatgcctga atacagaaaa aggctcatgg atgggctgac aaatcaatgc 300
  277 aaaatgatca atgaacagtt tgaacctctt gtgccagaag gtcgtgacat ttttgatgtg 360
  278 tggggaaatg acagtaatta cacaaaaatt gtcgctgcag tggacatgtt cttccacatg 420
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  282 ggccaaqaaa ttgacaaggc cgattcatac atgccttatt tgatcgactt tggattgtct 660
  283 tetaagtete catattette egteaaaaac cetgeettee aettetgggg geaattgaet 720
-> 284 gacattgagt atacatctcn tactacagca ggtttgttgt acgcttatgc agtaggatcc 780
-> 285 tctgctgact tggcacanca gttttgtgtt ggagatagca aatacactcc agatgatagt 840
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  287 tggtttgaag atcaaaacag aaaaccgact cctgatatga tgcagtatgc gaaacgagca 960
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298 Met Ser Val Thr Val Lys Arg Ile Ile Asp Asn Thr Val Ile Val Pro

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/02/2005 PATENT APPLICATION: US/10/743,649A TIME: 10:16:12

Input Set : A:\18003-D2 Sequence Listing 20051027.txt

Output Set: N:\CRF4\11022005\J743649A.raw

ease Note:

3 of n and/or Xaa have been detected in the Sequence Listing. Please review the quence Listing to ensure that a corresponding explanation is presented in the <220> <223> fields of each sequence which presents at least one n or Xaa.

#:13; N Pos. 740,798
#:17; Xaa Pos. 247,266
#:37; N Pos. 144
#:42; Xaa Pos. 6,48
#:44; Xaa Pos. 430
#:49; N Pos. 3810,3831
#:51; Xaa Pos. 22,51

#:52; Xaa Pos. 1270,1277

VERIFICATION SUMMARY

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Input Set : A:\18003-D2 Sequence Listing 20051027.txt

Output Set: N:\CRF4\11022005\J743649A.raw

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